

CATERPILLAR D4D

61J / HEBP1090

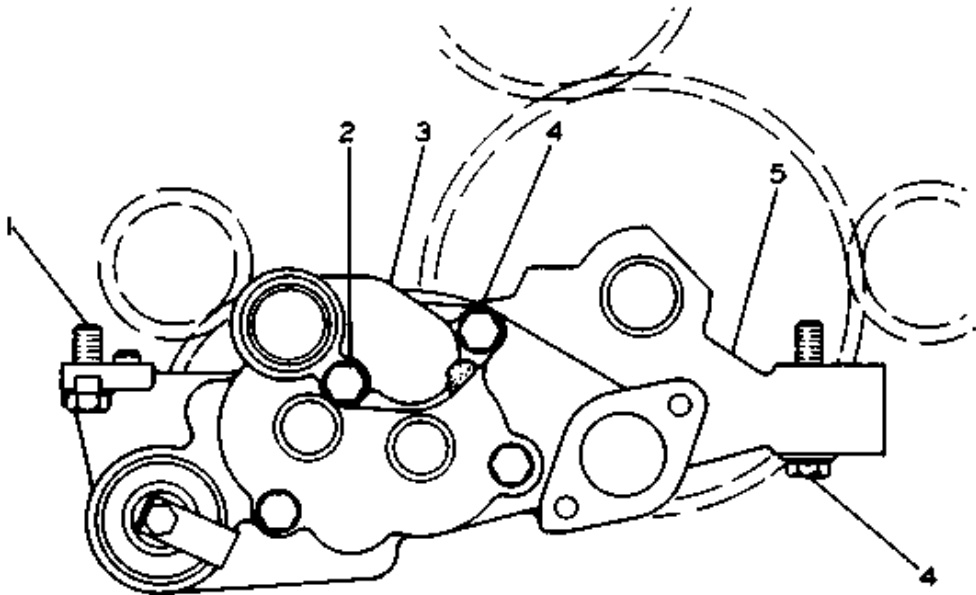
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2P-1784 PUMP GP-ENGINE OIL

2P1784 OIL PUMP GROUP Serial No. 48V12927 to 48V14664 inclusive 2P1785 Pump parts are shown on Page 30

Drawing 1 of 1



REF. NO.	PART NUMBER	DESCRIPTION	QTY
1	1A2029	BOLT-----	2
	8M7587	LOCK-----	2
2	2P3210	BOLT-----	1
	4N5353	ELBOW-----	1
3	2P8746	GASKET-----	1

4	2P3206	BOLT-----	3
5	2P1785	PUMP GROUP----- (Separate Illustration)	1

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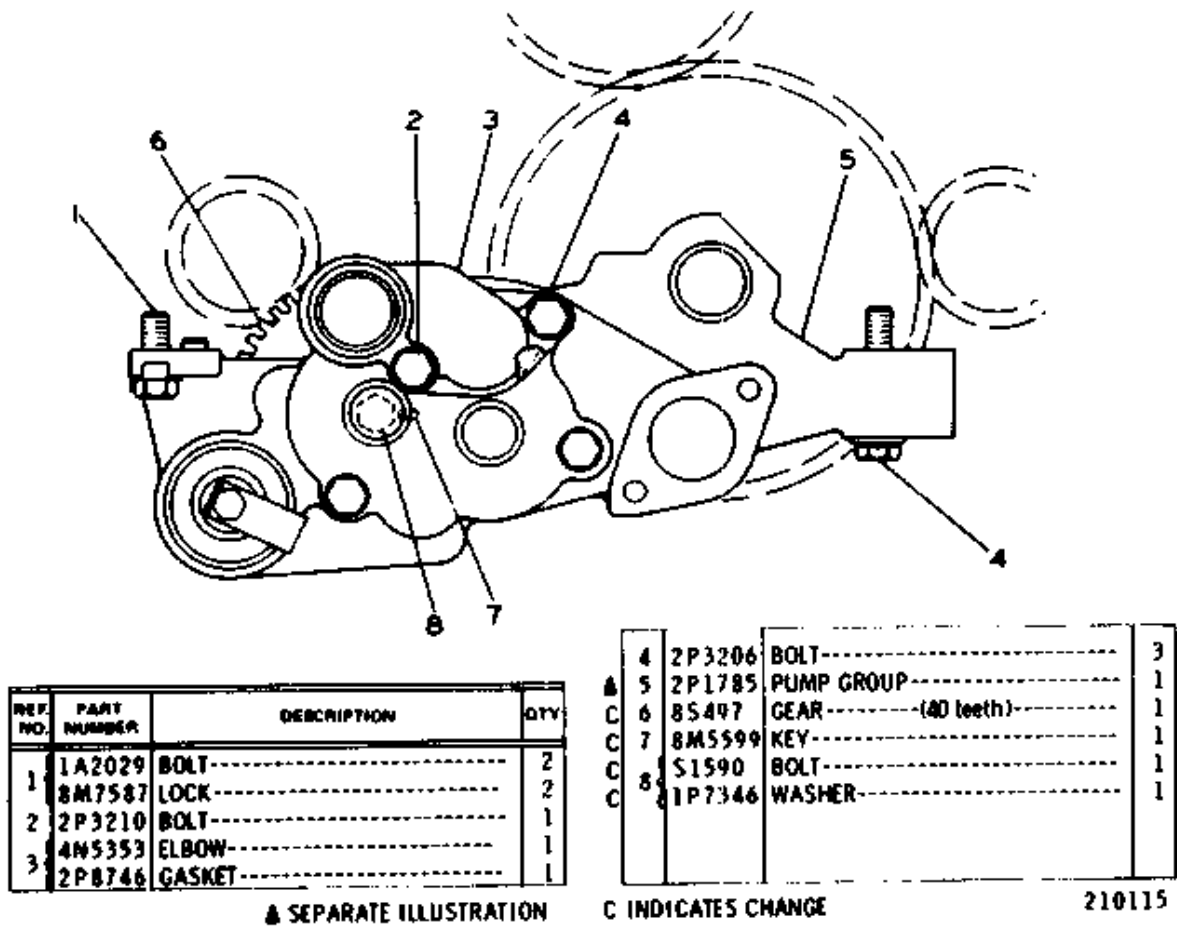
Ref.	Part number	Description	Qty	Code	Group page
1	1A-2029	BOLT	2		
	8M-7587	LOCK	2		
2	2P-3210	BOLT	1		
3	4N-5353	ELBOW	1		
	2P-8746	GASKET	1		
4	2P-3206	BOLT	3		
5	2P-1785	PUMP GROUP	1	RY	
(Separate Illustration)					

CAT codes: R, Y.

2P-1784 PUMP GP-ENGINE OIL

2P1784 OIL PUMP GROUP Serial No. 48V14665-Up 2P1785 Pump parts are shown on Page 30

Drawing 1 of 1



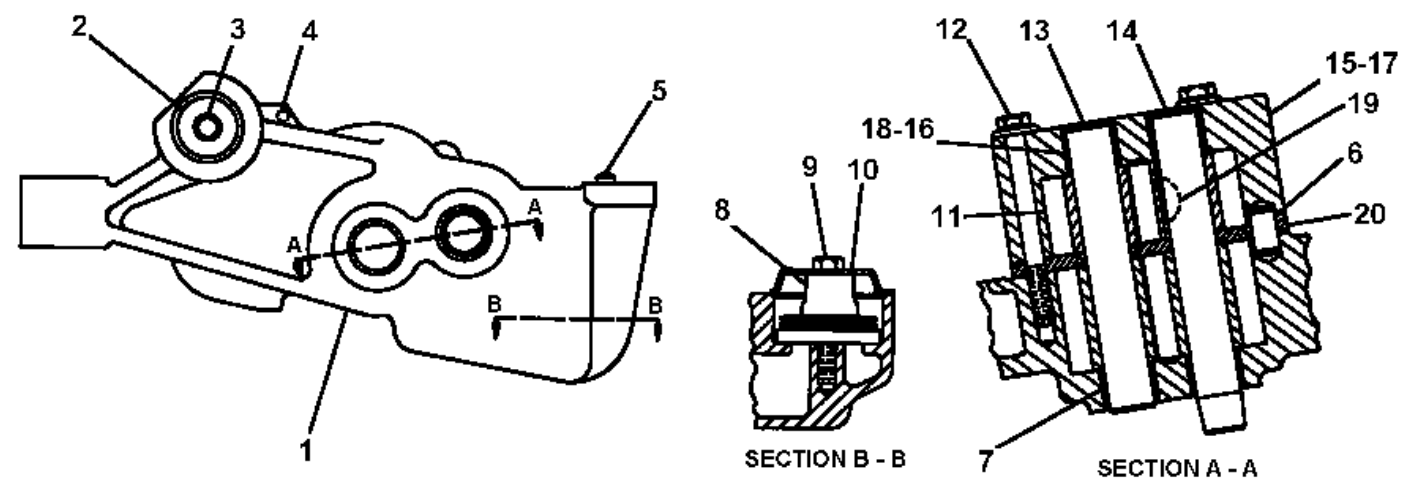
Ref.	Part number	Description	Qty	Code	Group page
1	1A-2029	BOLT	2		
	8M-7587	LOCK	2		
2	2P-3210	BOLT	1		
3	4N-5353	ELBOW	1		
	2P-8746	GASKET	1		
4	2P-3206	BOLT	3		
5	2P-1785	PUMP GROUP	1	RY	
6	8S-0497	GEAR (40 teeth)	1	C	
7	8M-5599	KEY	1	C	
8	OS-1590	BOLT	1	C	
	1P-7346	WASHER	1	C	

CAT codes: R, Y, C.

2P-1785 PUMP GP-ENGINE OIL

2P1785 OIL PUMP GROUP Engine Serial No. 48V12927 to 48V28721 and 48V28770-Up Part of 2P1784 Oil Pump Group shown on Page 29

Drawing 1 of 1



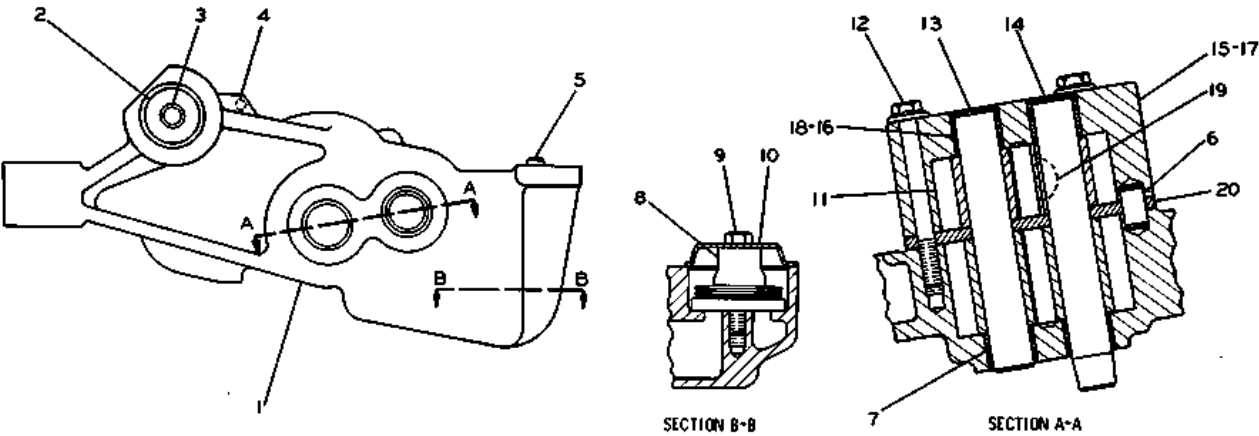
Ref.	Part number	Description	Qty	Code	Group page
1	2P-0685	BODY ASSEM.	1		
2	2P-1170	SHAFT ASSEM.	1		
3	4B-9782	BALL	1	C	
4	4B-9880	BALL	1		
5	1F-1006	DOWEL	1		
6	1M-3735	DOWEL	2		
7	8S-6511	BEARING	2		
8	4N-8385	VALVE ASSEM.	1	C	
9	1B-9575	BOLT	1		
10	4N-3732	COVER	1		
11	6N-1036	GEAR	2	C	
12	2P-3211	BOLT	3		
13	8S-0493	SHAFT ASSEM.	1	C	
14	2P-6245	SHAFT ASSEM.	1		
15	6A-7802	BODY ASSEM.	1		
	4N-4055	BODY ASSEM.	1		
16	8S-6511	BEARING	2		
17	2P-0681	BODY ASSEM.	1		
18	8S-6511	BEARING	2		
19	1B-8709	KEY	1		
20	2P-1781	SPACER	1		

CAT codes: C.

2P-1785 PUMP GP-ENGINE OIL

2P1785 OIL PUMP GROUP Engine Serial No. 48V28722 to 48V28769 inclusive Part of 2P1784 Oil Pump Group shown on Page 29

Drawing 1 of 1



REF. NO.	PART NUMBER	DESCRIPTION	QTY
C 1	2P685	BODY ASSEM.	1
2	5C5149	SHAFT ASSEM.	1
3	4B9782	BALL	1
4	4B9880	BALL	1
5	1F1006	DOWEL	1
6	1M3735	DOWEL	2
7	8S6511	BEARING	2

8	4N8385	VALVE ASSEM.	1
9	1B9575	BOLT	1
10	4N3732	COVER	1
11	6N1036	GEAR	2
12	2P3211	BOLT	3
13	8S493	SHAFT ASSEM.	1
14	2P6245	SHAFT ASSEM.	1

15	6A7802	BODY ASSEM.	1
16	4N4055	BODY ASSEM.	1
17	8S6511	BEARING	2
18	2P681	BODY ASSEM.	1
19	8S6511	BEARING	2
20	1B8709	KEY	1
	2P1781	SPACER	1

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Ref.	Part number	Description	Qty	Code	Group page
1	2P-0685	BODY ASSEM.	1		
2	5C-5149	SHAFT ASSEM.	1	C	
3	4B-9782	BALL	1		
4	4B-9880	BALL	1		
5	1F-1006	DOWEL	1		
6	1M-3735	DOWEL	2		
7	8S-6511	BEARING	2		
8	4N-8385	VALVE ASSEM.	1		
9	1B-9575	BOLT	1		
10	4N-3732	COVER	1		
11	6N-1036	GEAR	2		
12	2P-3211	BOLT	3		
13	8S-0493	SHAFT ASSEM.	1		
14	2P-6245	SHAFT ASSEM.	1		
15	6A-7802	BODY ASSEM.	1		
	4N-4055	BODY ASSEM.	1		

2P-1785 PUMP GP-ENGINE OIL (continued)

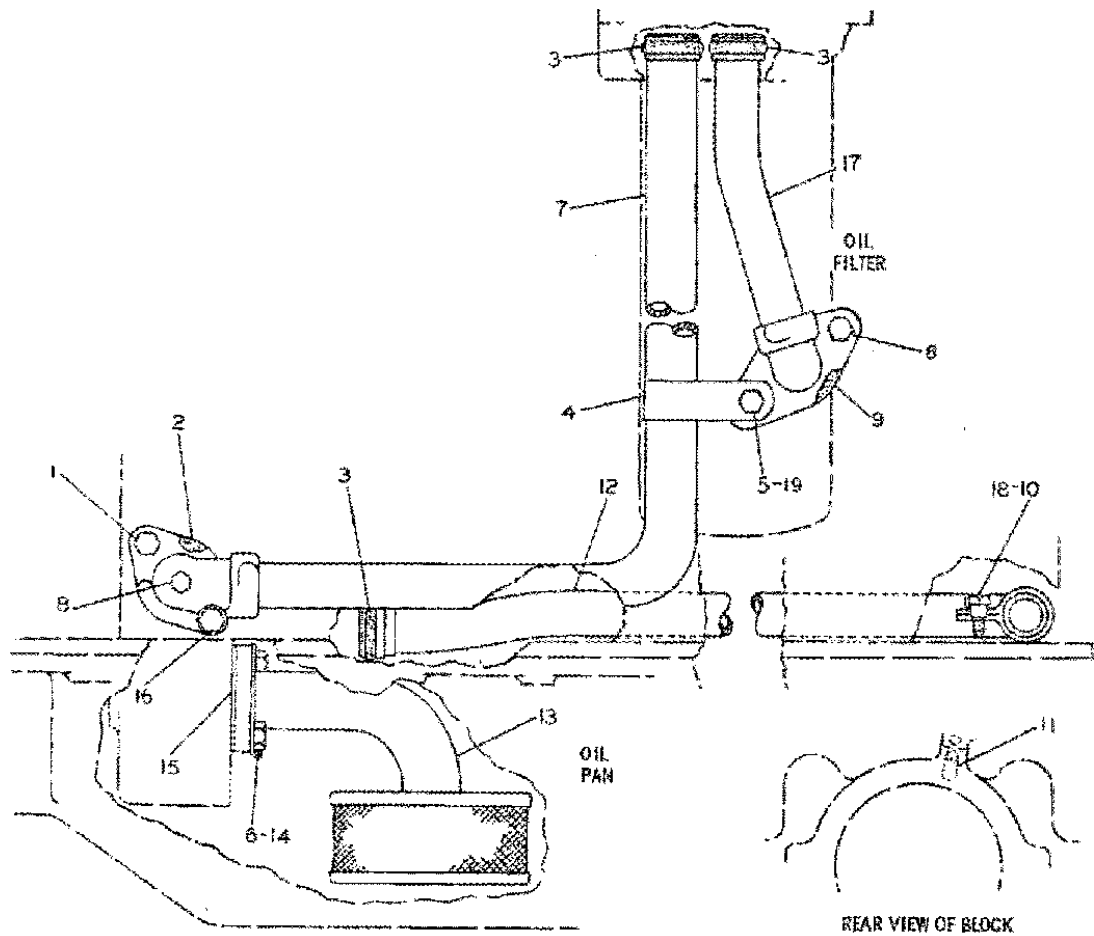
Ref.	Part number	Description	Qty	Code	Group page
16	8S-6511	BEARING	2		
17	2P-0681	BODY ASSEM.	1		
18	8S-6511	BEARING	2		
19	1B-8709	KEY	1		
20	2P-1781	SPACER	1		

CAT codes: C.

2P-6513 LINES GP-ENGINE OIL

2P6513 OIL LINES GROUP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	1A-2029	BOLT (3/8-16X1.125-IN)	1		
2	2M-5407	GASKET	1		
3	114-2687	SEAL-O-RING	3		
4	4L-3641	CLIP	1		
5	0S-1571	BOLT (3/8-16X1.75-IN)	1		
6	0S-1594	BOLT (3/8-16X1-IN)	3		
7	8N-7318	TUBE AS-INLET	1		
8	5M-6213	PLUG	1		
9	7F-7590	GASKET	1		
10	4F-0029	BOLT	1		
11	7M-4593	PLUG	4		
12	2P-0744	TUBE AS-PUMP	1		
13	2P-1776	BELL AS-SUCTION	1		
14	8S-8874	LOCK-NUT	1		
15	8M-0904	GASKET	1		

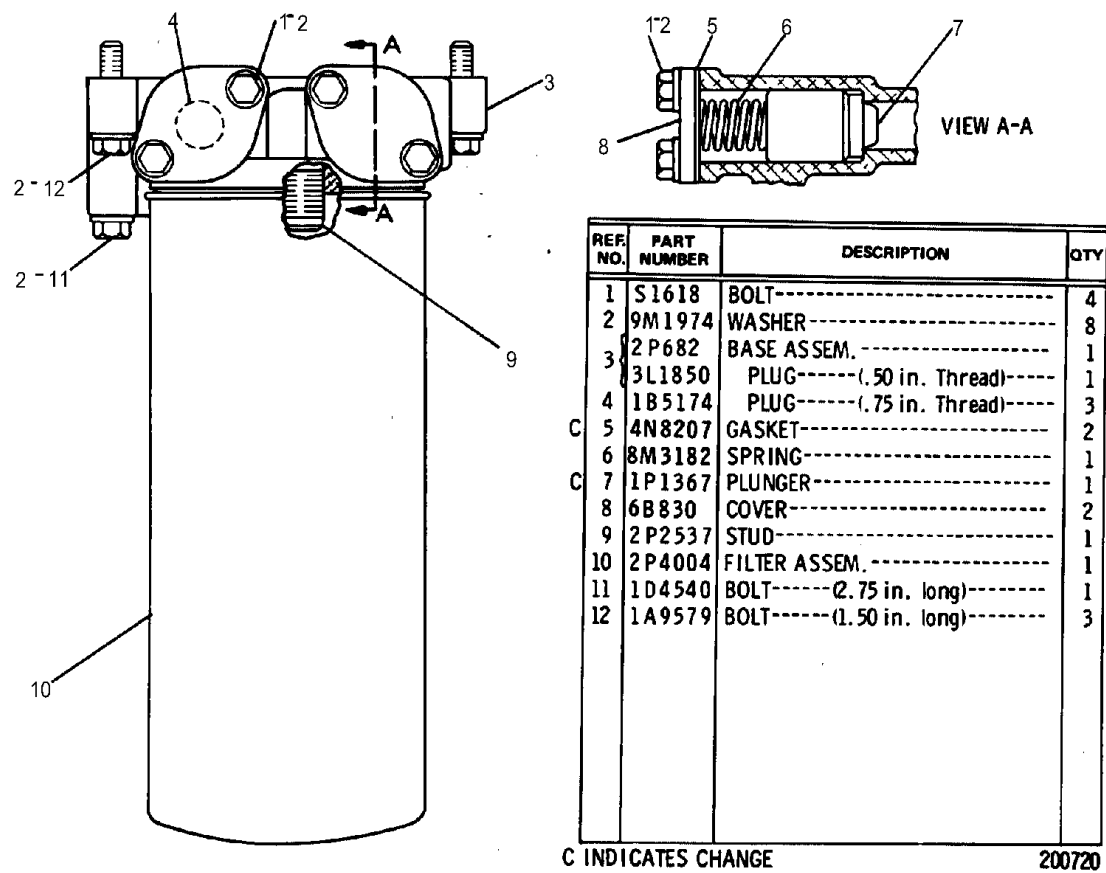
2P-6513 LINES GP-ENGINE OIL (continued)

Ref.	Part number	Description	Qty	Code	Group page
16	0L-2070	BOLT (3/8-16X2.25-IN)	1		
17	8N-7315	TUBE AS-OUTLET	1		
18	0L-0364	LOCK	1		
19	5M-2894	WASHER (2.5MM-THK)	1		
	1L-5081	SPACER (9/16-IN THK)	1		

2P-6525 FILTER GP-OIL

2P6525 OIL FILTER GROUP Engine Serial No. 48V12927 to 48V34545 inclusive

Drawing 1 of 1



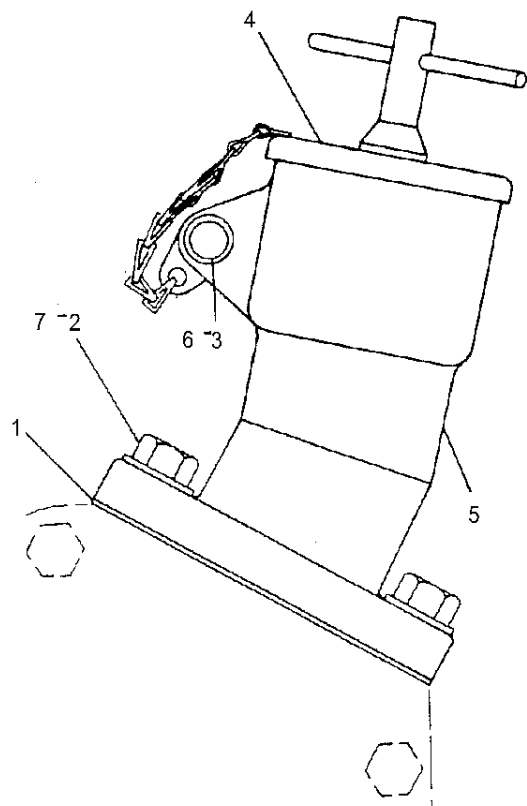
Ref.	Part number	Description	Qty	Code	Group page
1	0S-1618	BOLT	4		
2	9M-1974	WASHER	8		
3	2P-0682	BASE ASSEM.	1		
	3L-1850	PLUG (.50 in. Thread)	1		
4	1B-5174	PLUG (.75 in. Thread)	3		
5	4N-8207	GASKET	2	C	
6	8M-3182	SPRING	1		
7	1P-1367	PLUNGER	1	C	
8	6B-0830	COVER	2		
9	2P-2537	STUD	1		
10	2P-4004	FILTER ASSEM.	1		
11	1D-4540	BOLT (2.75 in. long)	1		
12	1A-9579	BOLT (1.50 in. long)	3		

CAT codes: C.

2P-6855 FILLER GP-OIL

2P6855 OIL FILLER GROUP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	2P-2720	GASKET	1		
2	1A-2029	BOLT	2	C	
3	9M-5732	RIVET-POP	1		
4	6N-2985	CAP AS-FILLER	1	C	
5	2P-2719	PIPE-OIL FILLER	1		
6	2A-3211	WASHER	1		
7	5M-2894	WASHER	2	C	

CAT codes: C.

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